

SERVICIO DE ENDOCRINOLOGÍA Y NUTRICIÓN



Lía Nattero Chavez.

Facultativo Especialista en Endocrinología y Nutrición. Doctor en Medicina por la Universidad de Alcalá.

Coordinadora de la Unidad de Diabetes. Tutora de Residentes. Consulta Monográfica de Pie Diabético. Consulta Monográfica de Diabetes Mellitus tipo 1. Consulta Monográfica de bombas de insulina y tecnología aplicada a la diabetes. Áreas de interés: Diabetes tipo 1. Tecnología aplicada a la diabetes. Disfunción cardiaca autonómica. Rigidez arterial. Diabetes tipo 1 y riesgo cardiovascular.

Lía Nattero Chavez.

Birth date: Oct 10, 1977.

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POSITION TITLE:

- Assistant in Endocrinology and Clinical Nutrition.

EDUCATION/TRAINING:

- Degree: MD. Medicine & Surgery. Institution: Universidad de Buenos Aires. Argentina (2003).
- Degree: Specialist. Endocrinology & Nutrition. Institution: Hospital Universitario de La Princesa. Madrid, Spain (2009).
- Degree: Doctor in Medicine. Universidad de Alcalá. Madrid, Spain (2020).

A. POSITIONS AND HONORS.

Positions and Employment

- 2005-2009 Medical Residency, Endocrinology & Nutrition, Hospital Universitario La Princesa, Madrid.
- 2009-2014 Assistant in Endocrinology, Department of Endocrinology, Hospital Universitario El Tajo, Aranjuez, Madrid.
- 2014-present Assistant in Endocrinology & Clinical Nutrition, Department of Endocrinology & Clinical Nutrition, Hospital Universitario Ramón y Cajal, Madrid.
- 2016-present Associate investigator of the Diabetes, Obesity and Human Reproduction Research Group, Centro de Investigación Biomédica en Red Diabetes y Enfermedades Metabólicas Asociadas CIBERDEM.

Other Experience and Professional Memberships

- External Consultor of the Spanish Medication Agency.

- Memberships: Spanish Society of Endocrinology and Nutrition (2006-present), Spanish Society of Endocrinology, Diabetes and Nutrition in the Community of Madrid (2006-present), Spanish Society of Diabetes (2006-present).
- Hospital Ramón y Cajal Advisory Committees: Electronic Medical History Committee (2014-present).
- Diabetic Foot Unit. Hospital Ramón y Cajal (2014-present).

Honors

- 2010 Award for best published clinical note in “Avances en Diabetología” for “Polirradiculopatía torácica diabética: un dolor olvidado”, Spanish Society of Endocrinology and Nutrition.
- 2015 Awarded by The Society of Endocrinology, Nutrition and Diabetes of the Community of Madrid (SENDIMAD): Grant for excellence in the care of diabetic patients, for the project “Creation of a diabetic foot unit as a model of excellence”
- 2018 Awarded by The Spanish Society of Endocrinology and Nutrition (FSEEN): “Grant for the excellence of a multidisciplinary team in diabetes”.
- 2019 Awarded by The Society of Endocrinology, Nutrition and Diabetes of the Community of Madrid (SENDIMAD) “Sexual dimorphism in cardiac autonomic neuropathy in patients with type 1 diabetes”.

B. PUBLICATION RECORD:

- *Pegvisomant Inducted Lipohypertrophy: report of a case with a histopathology.* Mónica Marazuela, Esteban Daudén, Elena Ocón, Dolores Moure, and **Lía Nattero**. *Ann Intern Med.* Nov. 2007; 147: 741-743.
- *99mTc-sestamibi as sole technique in selection of primary hyperparathyroidism patients for unilateral neck exploration.* Moure D, Larrañaga E, Domínguez-Gadea L, Luque-Ramírez M, **Nattero L**, Gómez-Pan A, Marazuela M. *Surgery* 2008; 144(3): 454-9.
- *Thyroid hormone resistance and pituitary enlargement after thyroid ablation in a woman on levothyroxine treatment.* Marazuela M. **Nattero L.**, Moure D, Garcia Polo I, Figueroa-Vega N, Guijarro C. *Thyroid.* 2008 Oct;18(10):1119-23.
- *Polirradiculopatía torácica diabética: un dolor olvidado.* A. Arranz, **L. Nattero**, P. Rojo, B. Santana, A. Azcárate, I. Tejado, A. Gómez-Pan. *Av Diabetol.* 2009;25:494-6.
- *Metástasis sintomática del tallo hipofisario secundaria a enfermedad neoplásica pulmonar diseminada.* **Nattero Lía**, Martínez Miguel, Santana Blanca, Moure Dolores, Luque-Ramírez Manuel. *Rev Clin Esp.* 2010. doi:10.1016/j.rce.2009.05.006.
- *Recurrent hyponatremia as the presenting feature of a pituitary abscess: A case report.* **Nattero L**, Luque-Ramírez M, Azcárate A, Marazuela M. *Endocrinol Nutr.* 2010; 57(3):123-5.
- *Rol of parenteral nutrition in oncologic patients with intestinal occlusion and peritoneal carcinomatosis.* Aría Guerra E, Cortés-Salgado A, Mateo-Lobo R, **Nattero L**, Riveiro J, Vega-Piñero B, Valbuena B, Carabaña F, Carrero C, Grande E, Carrato A, Botella-Carretero JI. *Nutr Hosp.* 2015 Sep 1;32(n03):1222-1227.
- *ViDa1: The Development and Validation of a New Questionnaire for Measuring Health-Related Quality of Life in Patients with Type 1 Diabetes.* Alvarado-Martel D, Ruiz Fernández MA, Cuadrado Vigaray M, Carrillo A, Boronat M, Expósito Montesdeoca A, **Nattero Chávez L**, Pozuelo Sánchez M, López Quevedo P, Santana Suárez AD, Hillman N, Subias D, Martín Vaquero P, Sáez de Ibarra L, Mauricio D, de Pablos-Velasco P, Nóvoa FJ, Wägner AM. *Front Psychol.* 2017 May 31;8:904.
- *Clinical and metabolic profile of patients with latent autoimmune diabetes in adults in specialized care in Madrid.* Arranz Martín A, Lecumberri Pascual E, Brito Sanfiel MÁ, Andía Melero V, **Nattero Chávez L**, Sánchez López I, Cánovas Molina G, Arrieta Blanco F, González Perez Del Villar N; Grupo de Diabetes de la Sociedad de Endocrinología, Nutrición y Diabetes de Madrid (SENDIMAD). *Endocrinol Diabetes Nutr.* 2017 Jan;64(1):34-39.
- *Gastrostomy vs nasogastric tube feeding in patients with head and neck cancer during radiotherapy alone or combined chemoradiotherapy* Soria A, Santacruz E, Vega-Piñero B, Gión M, Molina J, Villamayor M, Mateo R, Riveiro J, **Nattero L**, Botella-Carretero JI. *Nutr Hosp.* 2017 Jun 5;34(3):512-516.

- *Combined oral contraceptives and/or antiandrogens versus insulin sensitizers for polycystic ovary syndrome: a systematic review and meta-analysis.* Luque-Ramírez M, **Nattero-Chávez L**, Ortiz Flores AE, Escobar-Morreale HF. Hum Reprod Update. Epub ahead of print. 27/12/2017.
- *Virilization of a postmenopausal woman by a mucinous cystadenoma.* Sara Alonso Díaz, Belén Vega Piñero, **Lía Nattero Chávez**, Ignacio Pinilla Pagnon; Andrés Ortiz-Flores, Manuel Luque-Ramírez. Oxford Medical Case Reports. 2018 - 1, pp. 24 - 26. 17/01/2018.
- *Circulating soluble klotho is not associated with an elevated ankle-brachial index as a surrogate marker of early arterial calcification in patients with type 1 diabetes mellitus and no evidence of renal dysfunction.* **Nattero-Chávez L**, Luque-Ramírez M, Moncayo S, Alonso-Díaz S, Fernández-Durán E, Redondo-López S; García-Ureña M, Escobar-Morreale HF. Diabetes Metab.18/01/2018.
- *Role of sampling times and serum cortisol cut-off concentrations on the routine assessment of adrenal function using the standard cosyntropin test in an academic hospital from Spain: a retrospective chart review.* Ortiz-Flores AE, Santacruz E, Jiménez-Mendiguchia L, García-Cano A, **Nattero-Chávez L**; Escobar-Morreale HF, Luque-Ramírez M. BMJ Open. 05/05/2018.
- *Certified testosterone immunoassays for hyperandrogenemia.* Luque-Ramírez M, Jiménez-Mendiguchia L, García-Cano A, Fernández-Durán E, de Dios Rosa V; **Nattero-Chávez L**, Ortiz-Flores AE, Escobar-Morreale HF. Eur J Clin Invest. 20/09/2018.
- *The peripheral atherosclerotic profile in patients with type 1 diabetes mellitus warrants a thorough vascular assessment of asymptomatic patients.* **Nattero-Chávez L.**, Redondo López S., Alonso Díaz S., Garnica Ureña M., Fernández-Durán E., Escobar-Morreale H., Luque-Ramírez M. Diabetes Metab Res Rev. 19/10/2018.
- *Infectious complications in home parenteral nutrition: A long-term study with peripherally inserted central catheters, tunneled catheters, and ports.* Santacruz E, Mateo-Lobo R, Riveiro J, **Nattero L**; Vega-Piñero B, Lomba G, Sabido R, Carabaña F, Arrieta FJ and Botella-Carretero JI. Nutrition. 58, pp. 89 - 93. 02/01/2019.
- *Association of cardiovascular autonomic dysfunction with peripheral arterial stiffness in patients with type 1 diabetes.* **Nattero-Chávez L**, Redondo López S, Alonso Díaz S; Garnica Ureña M, Fernández-Durán E, Escobar-Morreale HF, Luque-Ramírez M. J Clin Endocrinol Metab. Epub ahead of print, 20/02/2019.
- *Systemic endocrinopathies (thyroid conditions and diabetes): impact on postnatal life of the offspring.* **Nattero-Chávez L**, Luque-Ramírez M, Escobar-Morreale HF. Fertil Steril. 2019 Jun;111(6):1076-1091
- *Sexual Dimorphism and Sex Steroids Influence Cardiovascular Autonomic Neuropathy in Patients With Type 1 Diabetes.* **Nattero-Chávez L**, Alonso Díaz S, Jiménez-Mendiguchia L, García-Cano A, Fernández-Durán E, Dorado Avendaño B, Escobar-Morreale HF, Luque-Ramírez M. Diabetes Care. 2019 Nov;42(11):e175-e178. doi: 10.2337/dc19-1375. Epub 2019 Sep 17. PMID: 31530659.
- *Efficacy and Safety of SGLT2 Inhibitors in Type 1 Diabetes After the Introduction of an Off-Label Use Protocol for Clinical Practice.* Bayona Cebada A, **Nattero-Chávez L**, Alonso Díaz S, Escobar-Morreale HF, Luque-Ramírez M. Diabetes Technol Ther. 2020 Mar;22(3):208-215. doi: 10.1089/dia.2019.0316. Epub 2019 Oct 23. PMID: 31644310.
- *Apparent mineralocorticoid excess as a side effect of ketoconazole therapy in a patient with Cushing's disease.* Luque-Ramírez M, Ortiz-Flores AE, **Nattero-Chávez L**, Escobar-Morreale HF. Clin Endocrinol (Oxf). 2020 Jan;92(1):80-83. doi: 10.1111/cen.14118. Epub 2019 Nov 15. PMID: 31667853.
- *A safety evaluation of current medications for adult women with the polycystic ovarian syndrome not pursuing pregnancy.* Luque-Ramírez M, Ortiz-Flores AE, Nattero-Chávez L, Escobar-Morreale HF. Expert Opin Drug Saf. 2020 Dec;19(12):1559-1576. doi: 10.1080/14740338.2020.1839409. Epub 2020 Nov 5. PMID: 33070640.
- *Fasting serum copeptin and asymptomatic peripheral artery disease: No association in patients with type 1 diabetes mellitus.* **Nattero-Chávez L**, Martínez-García MÁ, Fernández-Durán E, Redondo López S, Dorado Avendaño B, Escobar-Morreale HF, Luque-Ramírez M. Diabetes Metab. 2021 May;47(3):101207. doi: 10.1016/j.diabet.2020.10.005. Epub 2020 Nov 4. PMID: 33160031.

- *Iron Overload in Functional Hyperandrogenism: In a Randomized Trial, Bloodletting Does Not Improve Metabolic Outcomes.* Ortiz-Flores AE, Martínez-García MÁ, **Nattero-Chávez L**, Álvarez-Blasco F, Fernández-Durán E, Quintero-Tobar A, Escobar-Morreale HF, Luque-Ramírez M. *J Clin Endocrinol Metab.* 2021 Mar 25;106(4):e1559-e1573. doi: 10.1210/clinem/dgaa978. PMID: 33462622.
- *Intralymphatic Glutamic Acid Decarboxylase With Vitamin D Supplementation in Recent-Onset Type 1 Diabetes: A Double-Blind, Randomized, Placebo-Controlled Phase IIb Trial.* Ludvigsson J, Sumnik Z, Pelikanova T, **Nattero Chavez L**, Lundberg E, Rica I, Martínez-Brocca MA, Ruiz de Adana M, Wahlberg J, Katsarou A, Hanas R, Hernandez C, Clemente León M, Gómez-Gila A, Lind M, Lozano MF, Sas T, Samuelsson U, Pruhova S, Dietrich F, Puente Marin S, Nordlund A, Hannelius U, Casas R. *Diabetes Care.* 2021 Jul;44(7):1604-1612. doi: 10.2337/dc21-0318. Epub 2021 May 21. PMID: 34021020; PMCID: PMC8323180.
- *Protocol for presurgical and anesthetic management of pheochromocytomas and sympathetic paragangliomas: a multidisciplinary approach.* *J Endocrinol Invest.* Araujo-Castro M, Pascual-Corrales E, **Nattero Chavez L**, Martínez Lorca A, Alonso-Gordoa T, Molina-Cerrillo J, Lorca Álvaro J, Mínguez Ojeda C, Redondo López S, Barberá Durbán R, Polo López R, Moreno Mata N, Caballero Silva U, Pian H, Ruz-Caracuel I, Sanjuanbenito Dehesa A, Gómez Dos Santos V, Serrano Romero AB. 2021 Dec;44(12):2545-2555. doi: 10.1007/s40618-021-01649-7. Epub 2021 Jul 25. PMID: 34304388.
- *Type 1 diabetes mellitus and polycystic ovary syndrome.* Escobar-Morreale HF, Bayona A, **Nattero-Chávez L**, Luque-Ramírez M. *Nat Rev Endocrinol.* 2021 Dec;17(12):701-702. doi: 10.1038/s41574-021-00576-0. PMID: 34561669.
- *Special situations in pheochromocytomas and paragangliomas: pregnancy, metastatic disease, and cyanotic congenital heart diseases.* Araujo-Castro M, **Nattero Chavez L**, Martínez Lorca A, Molina-Cerrillo J, Alonso-Gordoa T, Pascual-Corrales E. *Clin Exp Med.* 2021 Sep 30. doi: 10.1007/s10238-021-00763-3. Epub ahead of print. PMID: 34591219.
- *Bloodletting has no effect on the blood pressure abnormalities of hyperandrogenic women taking oral contraceptives in a randomized clinical trial* Luque-Ramírez M, Ortiz-Flores AE, **Nattero-Chávez L**, Martínez-García MÁ, Insenser M, Álvarez-Blasco F, Fernández-Durán E, Quintero-Tobar A, de Lope Quiñones S, Escobar-Morreale HF. *Sci Rep.* 2021 Nov 11;11(1):22097. doi:10.1038/s41598-021-01606-7. PMID: 34764381.

C. RESEARCH SUPPORT ROLE: selected grants as Contributor Researcher

- 1- FIS P114/00649 01/01/2016-2020 Spanish Ministry of Health. "Effect of decreased tissue iron deposits on cardiovascular risk factors in women with polycystic ovary syndrome. A proof of concept study".
- 2- TV1106-IMM-30022. 01/04/2015 Sponsor: Teva Pharmaceutical Industries, Ltd. "A phase 3, multicenter, randomized, open-label, comparator-controlled study to assess safety and tolerability of weekly TV-1106 compared to daily rh-GH (Genotropin) in adults with growth hormone-deficiency".
- 3- 01/10/2015-2018 "Specific Questionnaire Quality of Life in Type 1 Diabetes Mellitus". In collaboration with CHUIMI Hospital Las Palmas of GC, (Guido Ruffino Award, SED 2014).
- 4- 01/12/2015-2019. "Study of the prevalence and clinical characteristics of peripheral vascular disease in asymptomatic patients with type 1 diabetes mellitus".
- 5- 01/11/2017-2020. "A Phase IIb, 2-Arm, Randomized, Double-blind, Placebo-Controlled, Multicentre Study to Optimize Diamyd® Therapy Administered into Lymph Nodes Combined with Oral Vitamin D to Investigate the Impact on the Progression of Type 1 diabetes"
- 6- 01/12/2017-2020. "Effect of Sotagliflozin on Cardiovascular and Renal Events in Patients With Type 2 Diabetes and Moderate Renal Impairment Who Are at Cardiovascular Risk (SCORED)".

D. Good Clinical Practices (GCPs) training: "Essential Good Clinical Practice" (on line 14 December 2021).